



Summer CAMP

STEAM Camp 2024

Weekly Theme

Tuesday

Thursday

Full STEAM Ahead!

Key Concepts:

Expressing Wonder & Curiosity
Planning & Carrying Out Investigations
Describing & Comparing Basic Needs Of Living Things
Counting With Understanding

6/4

What Is STEAM?

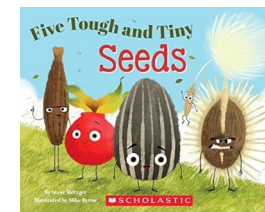
Plant Life Cycle
Baggie Greenhouse



6/6

Seed Investigation

Planting Seeds
Flower Gears

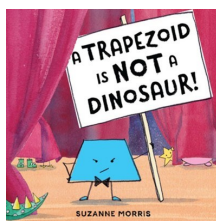


A Trapezoid Is Not A Dinosaur

Key Concepts:

Recognizing & Naming Common Shapes
Recognizing & Naming The Faces Of 3D Shapes
Sorting Collections Of Shapes
Combining Shapes To Create New Shapes

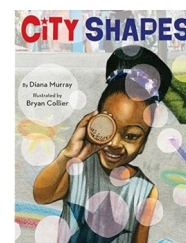
6/11



Marshmallow Geometry

Pattern Blocks
Shape Puzzles

6/13



Shape Detectives

Building Block Cities
Geoboards

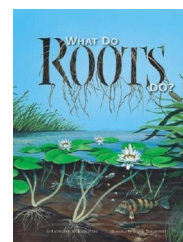
What Do Roots Do?

Key Concepts:

Observing & Investigating Living Things
Understanding Of Location & Position
Describing & Comparing Basic Needs Of Living Things
Developing & Using Models To Represent Ideas

6/18

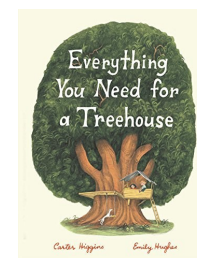
Trees & Roots
Investigating Roots
Root Viewers



6/20

Engineers & Architects

Blueprints
Building Treehouses

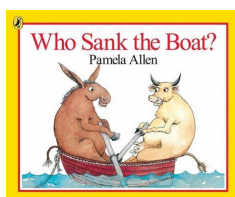


Who Sank The Boat?

Key Concepts:

Planning & Carrying Out Investigations
Making Meaning From Experiences & Information
Gathering Data To Answer Questions
Making Predictions

6/25



Sink Or Float
Float A Boat
(Simple Science)

6/27



Balloon-Powered
Sponge Boats
Sink The Egg
(STEM Challenge)



Summer CAMP

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Weekly Theme

Mouse Paint

Key Concepts:

Primary & Secondary Colors
Making Predictions
Showing An Awareness Of Changes
Using Writing Tools & Materials

7/2

Color Mixing

Primary & Secondary Colors

Fizzy Rainbows
(Basic Chemistry)



Thursday

7/4

No Camp

Happy Independence Day!



The Most Magnificent Thing

Key Concepts:

Demonstrating Persistence & Creativity
Recognizing, Duplicating & Extending Patterns
Exploring The Effect Of Force On Objects
Understanding Of Location & Position

7/9

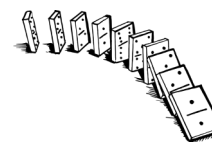


Imagination

Collaborative Building

Magna-Tiles

7/11



Chain Reactions

Patterns

Gears

Drop: An Adventure Through The Water Cycle

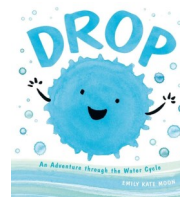
Key Concepts:

Observing & Describing Earth, Water, & Air
Using Weather Vocabulary To Observe/Discuss Changes
Counting With Understanding
Using Tools For Investigation

7/16

Traveling Water
(Simple Science)

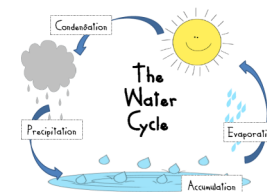
How Many Drops Fill The Dot?
(Investigation)



7/18

Water Cycle Baggies
(Simple Science)

Cloud Experiment

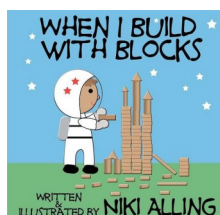


When I Build With Blocks

Key Concepts:

Planning & Carrying Out Investigations
Understanding Location & Position
Using Location & Positional Vocabulary
Explaining & Communicating Ideas

7/23



Block Towers

Giant Jenga

Tumbling Towers

7/25



Apple Jenga
(Building Challenge)
Giant Building Blocks